

Supplementary Figures

Fig 1. Comparison between DL-1 and CBS4732 of Hansenula polymorpha

HpOch2p_DL1	1	MVYFLNFMISITNVPVLKRALIYATNRRLVWVLVVLLWVQNVWTWSPGTRDLAQVDAKTEAEILNSNLH
HpOch2p_CBS	1	MVYFLNFMISITNVPVLKRALIYATNRRLVWVLVVLLWVQNVWTWSPGTRDLAQVDAKTEAEILSSNLH
HpOch2p_DL1	71	TEGAHLRHINRLPAESATLREKLTFYFPYYPEKPVPNQIWOTWKVDLEDDNPNEPKYRREQKTWVEKNPDY
HpOch2p_CBS	71	TEGAHLRHINRLPAESATLREKLTFYFPYYPEKPVPNQIWOTWKVDLEDDNPNEPKYRREQKTWVEKNPDY
HpOch2p_DL1	141	VYHLIPDSVTEDEVASLYANVPEVVRAYQLLPKNIMKADEFERYLWYARGGTYSDMDT7CLKPIKDWA
HpOch2p_CBS	141	VYHLIPDSVTEDEVASLYANVPEVVRAYQLLPKNIMKADEFERYLWYARGGTYSDMDT7CLKPIKDWA
HpOch2p_DL1	211	DRDLIHAAADNKAIDLSQLIDPEARTTPVGLVIGIEADPDRPDWHEWFSRRLQFCQWTQA
HpOch2p_CBS	211	DRDLIHAAADNKAIDLSQLIDPEARTTPVGLVIGIEADPDRPDWHEWFSRRLQFCQWTQA
HpOch2p_DL1	281	RIVEETFRKQHMGVLKRVEGKDSGADIMQWTGPGLFTTDTLFDYLMNVASDGKLGDGYGVGSLSW
HpOch2p_CBS	281	RIVEETFRKQHMGVLKRVEGKDSGADIMQWTGPGLFTTDTLFDYLMNVASDGKLGDGYGVGSLSW
HpOch2p_DL1	351	KLKKKTEIKNNEPLHSEDQLINWRSLTNMDKPKIMGDVMMVLPITSFSPNVGHMGSKSSSDRLAFVEHLSF
HpOch2p_CBS	351	KLKKKTEIKNNEPLHSEDQLINWRSLTNMDKPKIMGDVMMVLPITSFSPNVGHMGSKSSSDRLAFVEHLSF
HpOch2p_DL1	421	GSWKPKNF
HpOch2p_CBS	421	GSWKPKNF

Fig 2. Vector with golgi targeting domain of yeast and N-acetylglucosaminyl transferase activity domain (A) and Expression thereof (B)

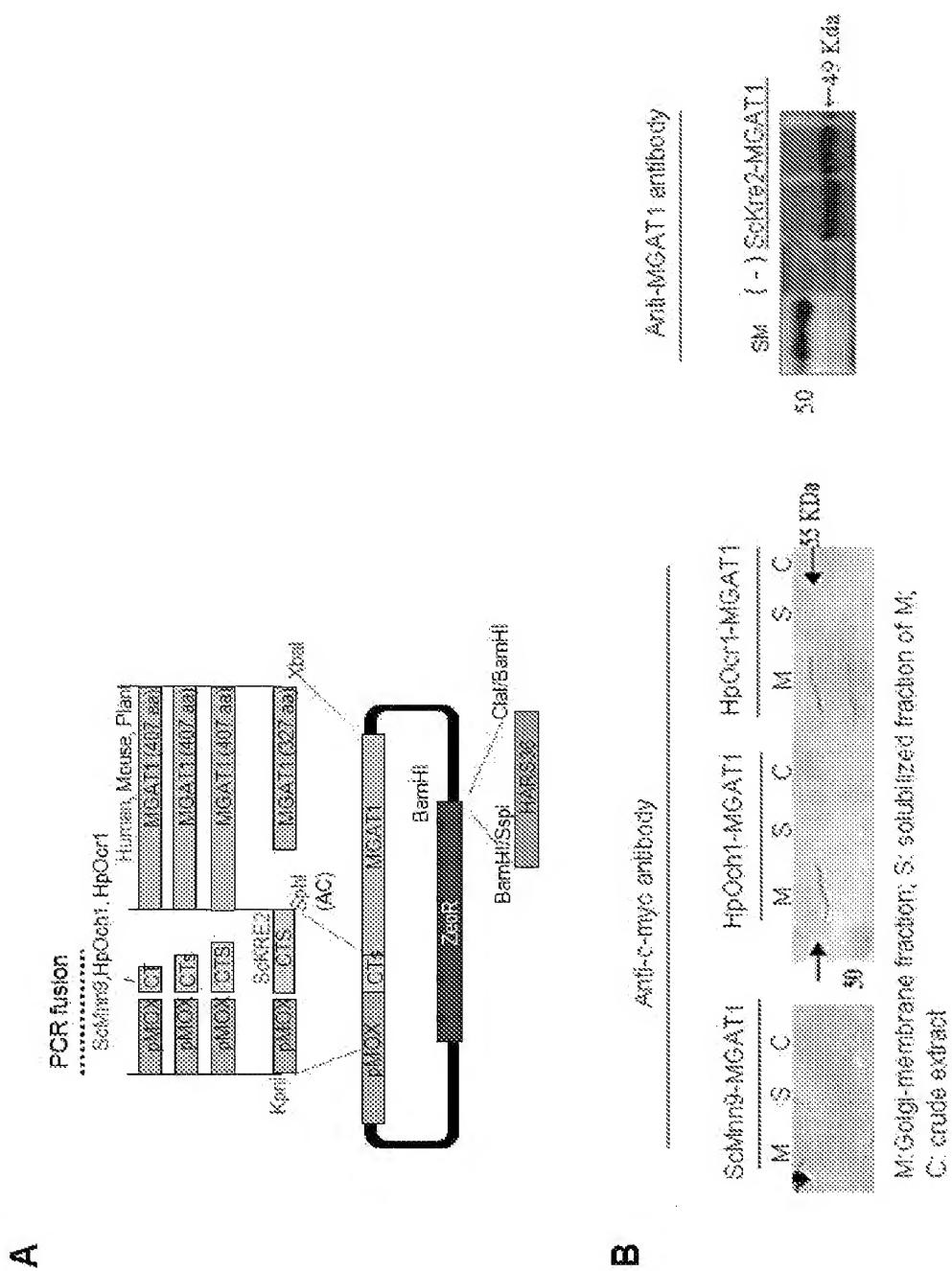


Fig 3. Analysis of Sugar-chain structure of Hansenula polymorpha adding N-acetylglucosamine using Capillary electrophoresis (CE)

